

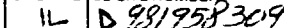
195 000 0000
560301
AD101 Superfund/HRS

High State ST
Highway
Highway

EPA				POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT				I. IDENTIFICATION 01 STATE 02 SITE NUMBER IL D981958309		
II. SITE NAME AND LOCATION										
01 SITE NAME (Legal, common, or descriptive name of site) MORRISON PUBLIC WELLS #1 & #3					02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER City Hall					
03 CITY MORRISON		04 STATE IL		05 ZIP CODE 61270		06 COUNTY Whiteside		07 COUNTY CODE 195		
08 COORDINATES LATITUDE N41 48 22.0		LONGITUDE W89-58-28.5		09 COUNTY DIST 16		RECEIVED JUN 19 1987				
10 DIRECTIONS TO SITE (Starting from nearest public road) see attached map Water works park, near fairgrounds and S.P.										
III. RESPONSIBLE PARTIES										
01 OWNER (if known) City of Morrison					02 STREET (Business, mailing, residential) 200 W. MAIN STREET					
03 CITY Morrison		04 STATE IL		05 ZIP CODE 61270		06 TELEPHONE NUMBER (815) 772-7657				
07 OPERATOR (if known and different from owner) Same as above					08 STREET (Business, mailing, residential) Same as above					
09 CITY Same as above		10 STATE same as above		11 ZIP CODE same as above		12 TELEPHONE NUMBER same as above				
13 TYPE OF OWNERSHIP (Check one) <input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input checked="" type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN										
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE										
IV. CHARACTERIZATION OF POTENTIAL HAZARD										
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 12/13/86 <input type="checkbox"/> NO FIRST LATEST 12-12-86					BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN			03 YEARS OF OPERATION: 1/897 3/1950 Present BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN							
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED SOLVENTS (TOXIC, PERSISTENT, VOLATILE)										
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUNDWATER (POPULATION/ENVIRONMENT)										
EPA Region 5 Records Ctr. 392206 942670										
V. PRIORITY ASSESSMENT										
01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2. Waste Information and Part 9. Description of Hazardous Conditions and Incidents) <input checked="" type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed; complete current disposition form)										
VI. INFORMATION AVAILABLE FROM										
01 CONTACT Walter Heath			02 OF (Agency, Organization) City of Morrison			03 TELEPHONE NUMBER (815) 772-7789				
04 PERSON RESPONSIBLE FOR ASSESSMENT JEANINE MORSE			05 AGENCY IEPA		06 ORGANIZATION DLPC/HIEC		07 TELEPHONE NUMBER 217-782-6760		08 DATE 05/18/87 MONTH DAY YEAR	

EPA FORM 2070-12 (7-81)

00922 NS



(T HIGHLY VOLATILE)
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

EPA FORM 2070-12 (7-81)

Depth 1643

11907

WELL HEAD SURVEY

Public Water Supply Morrison #1 1950350

Location Whitson Co.

Surveyor White

Date 12-3-86

RECEIVED

11907 DEC 3 - 86 250 gpm

SUMMARY well in residential area

Hazard

Location

① Public Works Garage w/ above
ground fuel storage

Non-
responsive

SE of well

② Sewage Treatment Plant

Non-
responsive

SE of well



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D981958309

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

6/00

02 ☒ OBSERVED (DATE 12-3-86)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

Wells #1 and #3 were sampled by IEPA (PWS) AND FOUND TO
CONTAIN from 74 to 982 parts per billion organic
solvents.

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

UNKNOWN

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

UNKNOWN

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

UNKNOWN

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

UNKNOWN

01 ☒ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: (Acres)

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

☒ POTENTIAL ALLEGED

High probability of contaminated soil and groundwater
upgradient of contaminated wells.

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

See A above

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

Unknown

01 ☒ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED

02 ☐ OBSERVED (DATE)
04 NARRATIVE DESCRIPTION

POTENTIAL ALLEGED

See A above



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IL D981958309

2. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

01 ☐ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

01 ☐ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)
03 POPULATION POTENTIALLY AFFECTED: _____

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

UNKNOWN

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED

UNKNOWN

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 6100

IV. COMMENTS

Contaminated wells are open to multiple aquifers - Sealed cement casing depth may play role in why #1 & #3 are contaminated but #2 is not - Well #4 may not be adequate source of water for City of Morrison.

V. SOURCES OF INFORMATION (See specific references, e. g., state files, sample analysis, reports)

See VI

EXECUTIVE SUMMARY

Morrison's Public supply Wells #1 and #3 have been found to contain concentrations ranging from 14 to 952 parts per billion (ppb) of organic solvents. These wells are obtaining water from several formations including the Galena Platteville Dolomite, St. Peter Sandstone, Prairie DuChien Dolomite and the Franconia Sandstone. These wells are deep wells (well #1 -1643 ft. well #3 -1625 ft.) but their grout casing seals are relatively shallow and may not be providing adequate seals from shallow groundwater contamination. Morrison's supply well #2 located near wells #1 and #3 has a cement grout seal to a depth of 520 ft as compared to the grout seal depth of 137 ft. in well #1 and 95 ft. in well #3.

Wells #1 and #3 have been shut down and have been put on an emergency standby status.

Potential sources of contamination, in close proximity to the contaminated wells, include the public works garage, the sewage treatment plant, municipal landfill and the General Electric plant (see attached map and the well head survey).

Non-responsive

SOURCE:
US TOPOGRAPHIC MAP, 1985
MORRISON QUADRANGLE

SCALE:
1:24,000



FIGURE 1
SITE LOCATION MAP

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE
NO SCALE



FIGURE 2A
SITE SKETCH

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE:
NO SCALE



FIGURE 2B
SITE SKETCH

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE:
NO SCALE



FIGURE 3
NEAREST RESIDENCE & PRIVATE WELL
MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

ROUTE TO HOSPITAL:

FROM WATERTOWN PARK: WINFIELD (SE), TO CHERRY (NE), TO LINCOLNWAY (SE),
TO JACKSON (N). HOSPITAL TO THE LEFT. 5 MINUTES TO HOSPITAL

FROM WELL #4: HIGH STREET (SE), TO JACKSON (SW). HOSPITAL TO YOUR LEFT.
2 MINUTES TO HOSPITAL

SOURCE:

MAP OBTAINED FROM CITY HALL

SCALE:

NO SCALE



HOSPITAL MAP

MORRISON COMMUNITY HOSPITAL

303 N. JACKSON
MORRISON, IL 61270
(815) 772-4003

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE:
NO SCALE



FIGURE 2A
SITE SKETCH

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE:
NO SCALE



FIGURE 2B
SITE SKETCH

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:
SITE RECON VISIT
SCALE:
NO SCALE



FIGURE 3
NEAREST RESIDENCE & PRIVATE WELL

MORRISON PUBLIC WELLS
MORRISON, ILLINOIS

B&V WASTE SCIENCE & TECHNOLOGY CORP.

Non-responsive

SOURCE:

MAP OBTAINED FROM CITY HALL

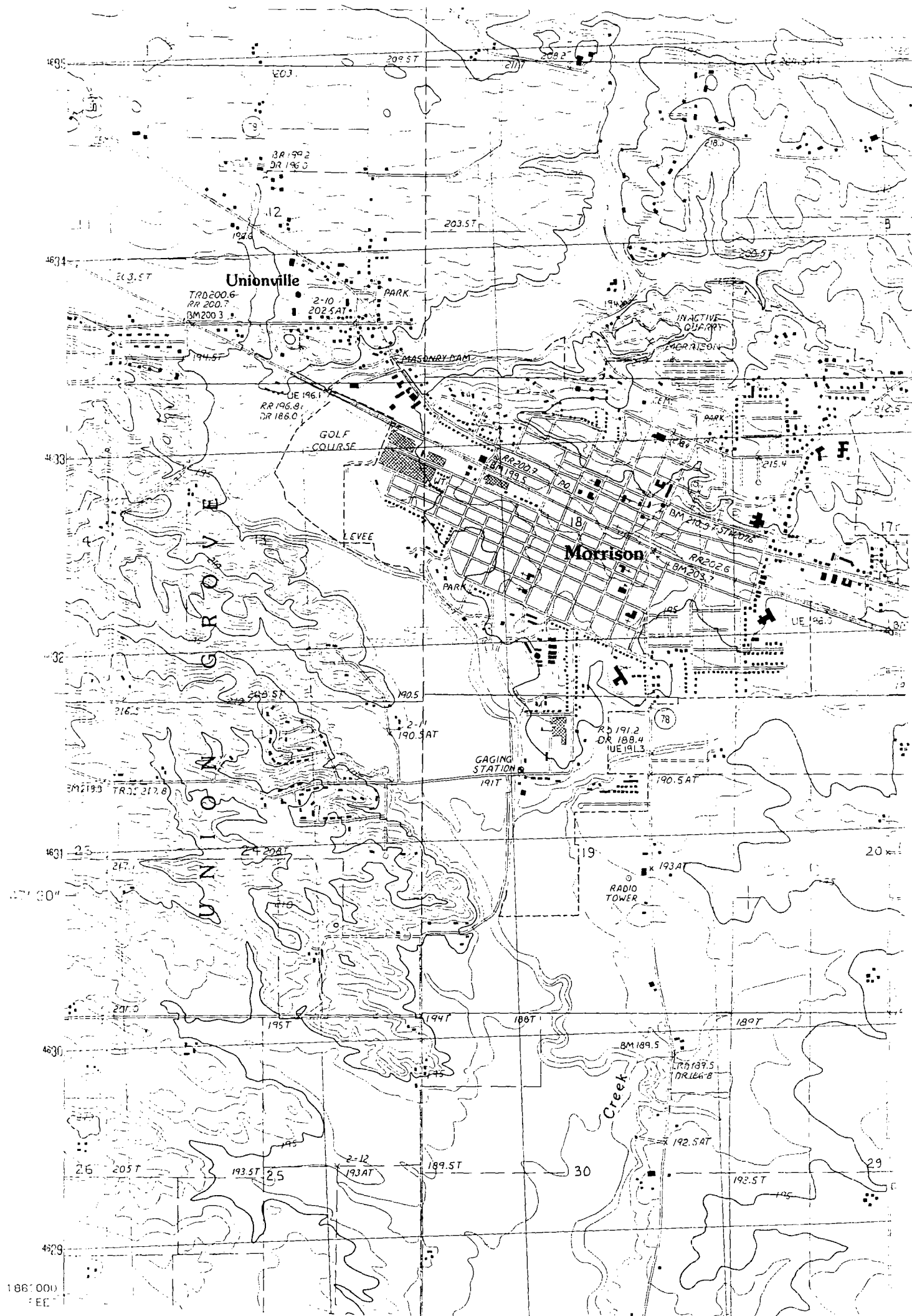
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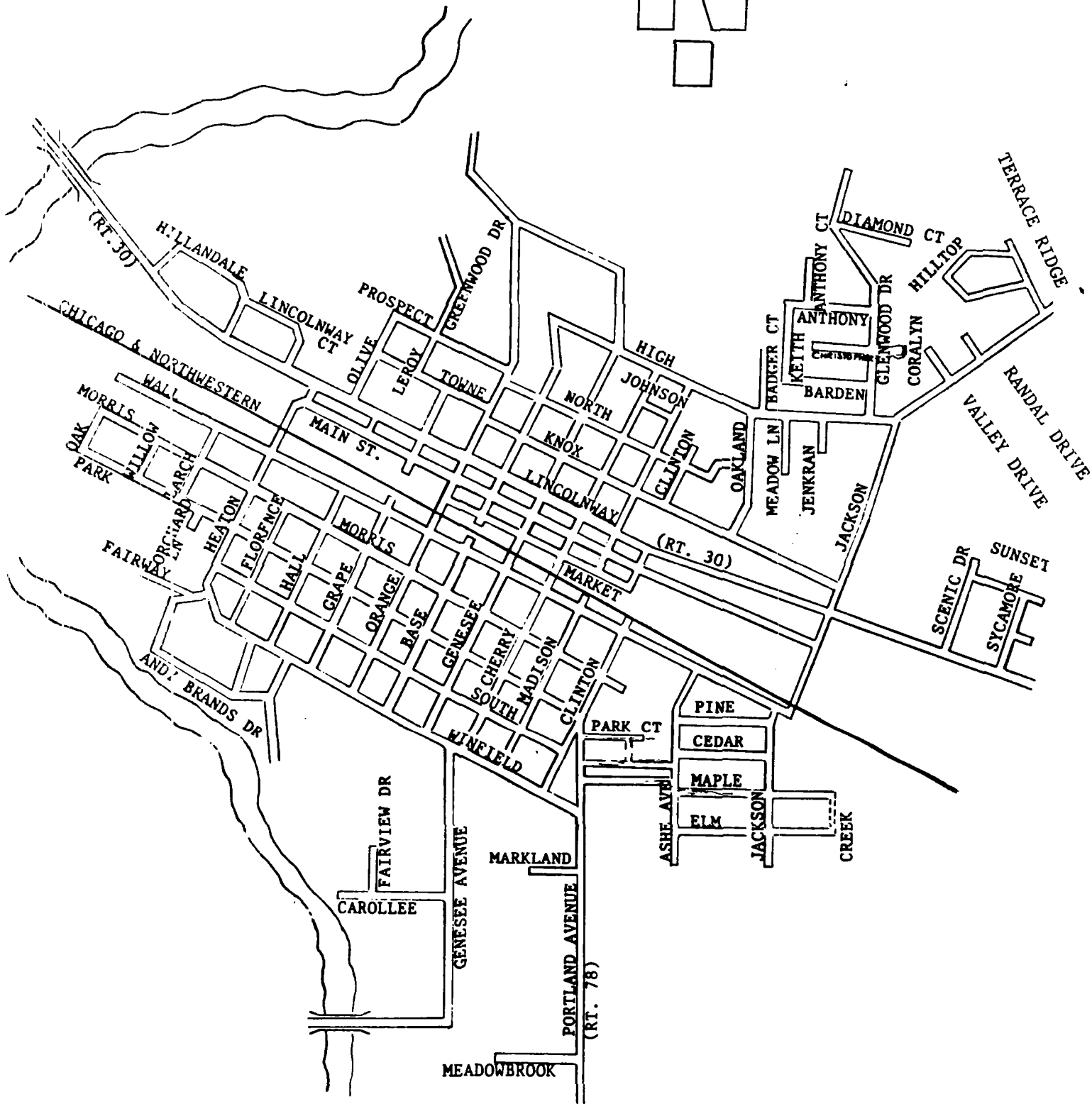


HOSPITAL MAP
MORRISON COMMUNITY HOSPITAL
303 N. JACKSON
MORRISON, IL 61270
(815) 772-4003

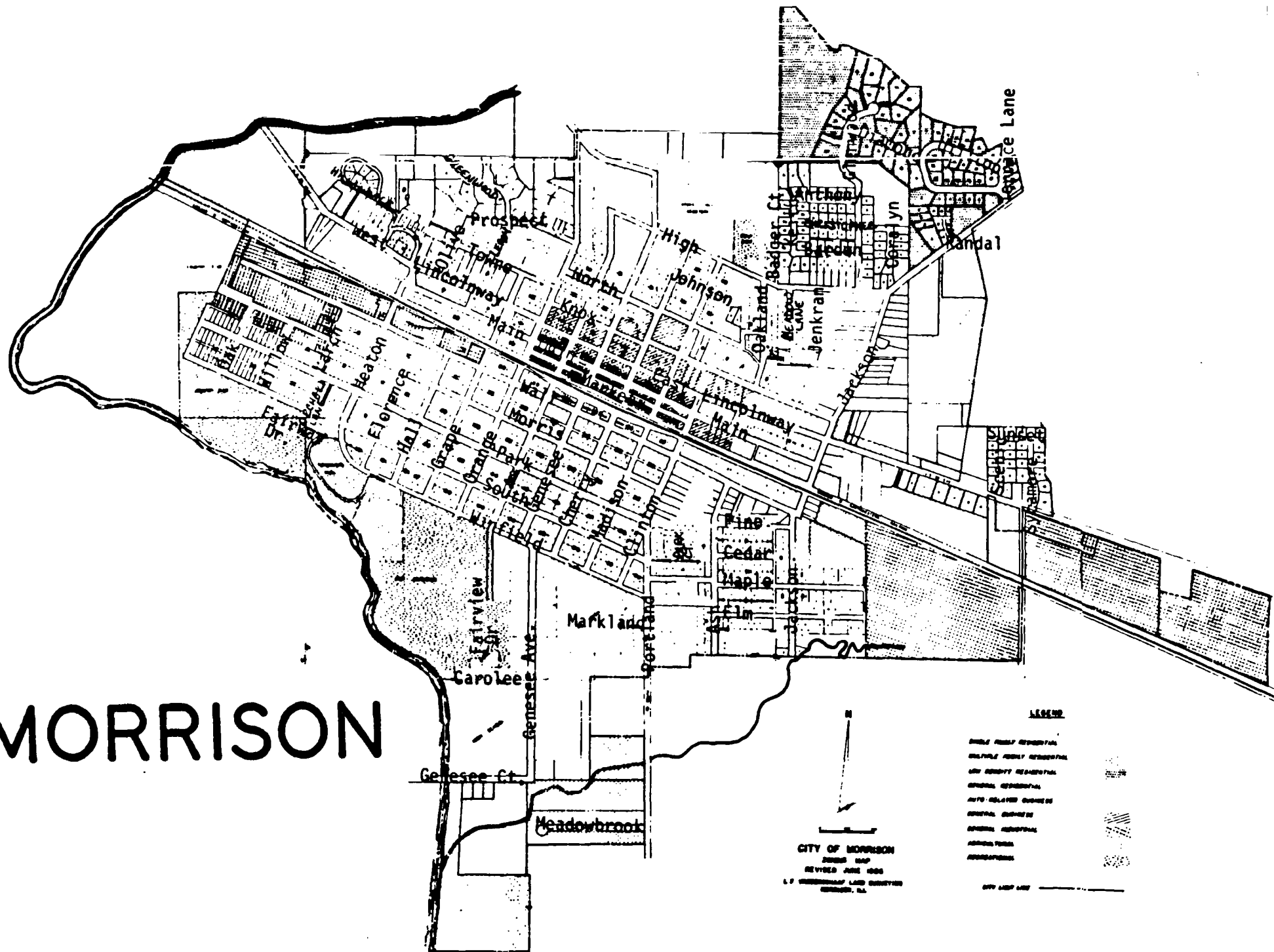
B&V WASTE SCIENCE & TECHNOLOGY CORP.



MORRISON



MORRISON



MORRISON

